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Unofficial

Preliminary Amendment to Claims

Please remove claims 1-5 and Add the following claims.

Claims:

1. An orotracheal suction system consisting of an orotracheal suction catheter, extension tubing, and a reservoir which can be used for suctioning of the oropharynx and trachea. The system can be used with all components or the catheter and extension tubing can be used with standard suction canisters currently available.
2. We claim the the first component is an orotracheal suction catheter which can be made of any plastic, synthetic polymer or other suitable material. The catheter can measure 5Fr to 8Fr or other suitable sizes for adult sizes and 0.5 Fr to 4.5Fr or other suitable sizes for pediatric patients. A proximal balloon port which would hook up to a 10cc syringe would be on each suction catheter and could inflate a distal balloon on the catheter. The balloon can be 5mm or other suitable lengths from the end of the catheter. As shown in the figure the catheter has a patient end which is inserted in the trachea for suctioning and method described earlier.
3. We claim the 2nd component to be 15 Fr (or larger or smaller diameter) extension tubing should measure 3ft-5ft (or larger or smaller) to allow enough slack to reach a patient's head on the stretcher. The extension tubing can then be attached via any suitable adapters (male-female or other) to our orotracheal suction catheters. It may be made of any plastic, polymer or other suitable material. Different size adapters would accompany each suction catheter size. One side of the adapter would always provide a seal to the extension tubing and the other side to the different size orotracheal suction catheters.
4. We claim the third component: A reservoir, measuring 2000cc (or larger or smaller) 20cmX10cmX10cm (or larger or smaller dimensions), which on one end is attached to wall suction with standard sump tubing, and the other end is attached to our standardized extension tubing which measures 15French (Fr) or larger or smaller in diameter. The reservoir components may be made of any plastic, synthetic polymer or other suitable material. On the top of the surface of the reservoir, there is a 2 cm (or larger or smaller) diameter tapering "male" entry port which is centered from the edge. The exit is protected by a grid which measures 2mmX2mm (or larger or smaller) over the opening which prevents obstruction of the vacuum by large particles. The reservoir would also be halved

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